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APPLICATION, Assistant Commissioner of Patents,
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Laurence J. Shaw
Laurence J. Shaw

January 25, 2001
Date

PATENT
TIM-CCW-R

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the new
☒ non-provisional patent application under 35 U.S.C. § 111(a)
☐ provisional patent application under 35 U.S.C. § 111(b)

of:

First Inventor: Xinhui Niu
Address of First Inventor: 1422 Birchmeadow Lane, San Jose, California, 95131
Citizenship of First Inventor: China (People's Republic of China)

Second Inventor: Nickhil Harshavardhan Jakatdar
Address of Second Inventor: 1226 Koi Terrace, Fremont, California 94536
Citizenship of Second Inventor: India

Title: CACHING OF INTRA-LAYER CALCULATIONS FOR RAPID RIGOROUS
COUPLED-WAVE ANALYSES

The present application is based on provisional patent application
Serial No.: 60/178,910

Filed: January 26, 2000

By: the above-specified inventors

Entitled: Cached Coupled-Wave Method for Diffraction Grating Profile Analysis

Enclosed are:

- ☒ Specification, totalling 67 pages of text and 13 sheets of formal drawings
- ☒ Inventors' Declaration, signed, X unsigned
- ☐ Assignment of the invention to ; including Assignment Cover sheet
and Check No. for \$40.00
- ☐ Power of Attorney

☒ Applicant claims Small Entity Status

☐

The filing fee has been calculated as shown below:

FOR:	CLAIMS FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE	STANDARD RATE	STANDARD FEE
NON-PROVISIONAL APPL. BASIC FEE				\$355		\$710
TOTAL CLAIMS	56	36	X \$9 =	\$324	X \$18 =	
INDEPENDENT CLAIMS	10	7	X \$40 =	\$280	X \$80 =	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			X \$125 =	0	X \$250 =	
			TOTAL	\$959	TOTAL	

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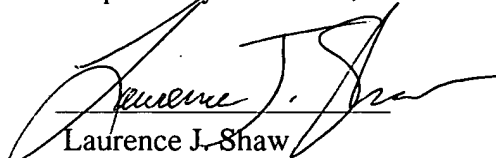
☒ Filing fees will be paid in response to a Notice of Missing Parts.

☒ The Commissioner is hereby authorized to charge payment of any additional required fees associated with this communication or credit any overpayment to Deposit Account No. 19-1535. A duplicate copy of this sheet is enclosed.

☒ Return receipt postcard.

Respectfully submitted,

Date: January 25, 2001


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